AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said address linkers consist of a type of antigen or a type of antibody for address judgment to recognize said beads-ID.

3. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said target biopolymers and said beads are put in a reservoir together with a buffer solution and are stirred using a physical, electrical or chemical means.

4. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein magnetic beads or beads made of metal or plastics are employed as said beads.

5. (Previously Presented) A biopolymer detecting method in accordance with claim 7, wherein said target biopolymers are RNAs which are transcription products from DNAs, or cDNAs, or proteins.

6. (Cancelled)

7. (Currently Amended) A biopolymer detecting method comprising the steps of:

labeling target biopolymers with a fluorescent material,

fixing probe biopolymers and beads-ID recognizing address linkers onto the surface of beads,

hybridizing in solution said target biopolymers and said probe biopolymers fixed to said beads, and

capturing said beads-ID recognizing address linkers fixed to said beads by an antigen-antibody reaction using an addressing probe protein fixed to a substrate,

wherein said beads-ID recognizing address linkers and said probe proteins are a corresponding antigen-antibody pair, [[and]]

wherein said beads each include one of a plurality of beads-ID, and

wherein each of said beads-ID recognizing address linkers is [[are]] specific to ~~each of said beads~~ one of said plurality of beads-ID.